

ABSTRACT OF THE INVENTION

The present invention is directed to a method for forming combinatorial libraries comprising arrays of materials prepared by depositing a metal species on a support for use as catalysts, such as electrocatalysts. The invention is also directed to combinatorial libraries comprising an array of such metal-containing supported catalysts. These catalyst-containing libraries are particularly well-suited for use in conducting combinatorial research investigations, in particular with respect to electrocatalysts for fuel cells.